



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET H0004478		SERIAL NO.: 10/699,416			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT Thomas Y-T. Tam et al.			
(Use several sheets if necessary)				FILING DATE: October 31, 2003			
GROUP: 1732							
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
							TRANSLATION
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES NO
OTHER DOCUMENTS(Including Author, Title, Date, Pertinent Pages, etc.)							
PB		Eckert and Drake, Heat and Mass Transfer, McGraw-Hill Book Company, 1959, page 121					
EXAMINER /Patrick Butler/ (10/31/2006)				DATE CONSIDERED 10/31/2006			
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PB	4,411,854	10/25/1983	Maurer et al.	264	205	12/15/1981
PB	4,422,993	12/27/1983	Smith et al.	264	210.8	06/24/1980
PB	4,413,110	11/01/1983	Kavesh et al.	526	348	03/19/1982
PB	4,430,383	02/07/1984	Smith et al.	428	364	09/30/1982
PB	4,436,689	03/13/1984	Smith et al.	264	204	10/18/1982
PB	4,536,536	08/20/1985	Kavesh et al.	534	462	10/03/1983
PB	4,545,950	10/08/1985	Motooka et al.	264	210.8	12/28/1983
PB	4,551,296	11/05/1985	Kavesh et al.	264	177	01/20/1984
PB	4,612,148	11/16/1986	Motooka et al.	264	49	07/16/1985
PB	4,617,233	11/14/1986	Ohta et al.	428	364	05/21/1984
PB	4,663,101	05/05/1987	Kavesh et al.	264	178	01/11/1985
PB	5,032,338	07/16/1991	Weedon et al.	264	203	05/22/1989
PB	5,246,657	09/21/1993	Yagi et al.	264	210.6	05/13/1992
PB	5,286,435	02/15/1994	Slutsker et al.	264	205	12/31/1987

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	PATENTEE OR APPLICANT	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
PB	GB 2,042,414A	09/24/1980	Smith et al.	D01D5	04	X	
PB	EP 0 320 188 A2	06/14/1989	Takeda et al.	D01F5	04	X	
PB	JP-A-60/52647	08/30/1983	Toyo Boseki K.K.	D02J1	22	X	X
PB	JP 238416-1995	09/12/1995	Oh-ya	D01F	6/04	X	
PB	EP 0 077,590	04/27/1983	Kirschbaum et al.	D01D5	04	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

PB	P. Smith et al., "Ultrahigh-Strength Polyethylene Filaments by Solution Spinning/Drawing, 2, Influence of Solvent on the Drawability" <u>Macromol. Chem.</u> , 180, 2983 (1979)
PB	P. Smith et al., "Ultra-high-strength Polyethylene Filaments by Solution Spinning/Drawing" <u>J. Matl. Sci.</u> , 15, 505, 1980
PB	Kalb et al., "Hot Drawing of Porous High Molecular Weight Polyethylene, <u>Polymer</u> , 21, 3 (1980)
PB	J. Smook et al., "Influence of Spinning/Hot Drawing Conditions on the Tensile Strength of Porous High Molecular Weight Polyethylene", <u>Poly. Bull.</u> , 2, 775 (1980)

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PB	5,342,567	10/30/1994	Chen et al.	264	203	07/08/1993
PB	5,578,374	11/26/1996	Dunbar et al.	428	364	02/08/1995
PB	5,736,244	04/07/1998	Kavesh et al.	428	364	10/28/1995
PB	5,741,451	04/21/1998	Dunbar et al.	264	103	08/17/1995
PB	5,958,582	09/28/1999	Dunbar et al.	428	364	10/20/1998
PB	5,972,498	10/26/1999	Kavesh et al.	428	364	03/23/1998
PB	6,448,359	10/10/2002	Kavesh	526	352	03/27/2000

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OTHER DOCUMENTS(Including Author, Title, Date, Pertinent Pages, etc.)

PB		J. Smook et al., "the Effect of Temperature and Deformation Rate on the Hot Drawing Behavior of Porous High-Molecular Weight PE Fibers", J.Appl. Poly.Sci.,27,2209 (1982)
PB		B. Kalb et al., "Spinning of High Molecular Weight PESolution and Subsequent Drawing in A Temperature Gradient", Poly. Bull., 1, 871 (1979)
PB		J. Smook et. al., "Elastic Flow Instabilities and Shish-Kebab Formation During Gel-Spinning Of Ultra-High Molecular Weight Polyethylene", J. Matl. Sci. 19, 31 (1984)

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